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## Configuration of Documents

| P/N              | Documents                    | No.         | Title                                                          | CAT.No.        |
|------------------|------------------------------|-------------|----------------------------------------------------------------|----------------|
| SFW_S-25T(M)E1   | Specification Connector dwg. | SC-SFWS01   | CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR                     | SFW_S-25T__    |
|                  |                              | JSAG3342    | 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR                    | SFW_S-25T__    |
|                  |                              | JSAG3579    | 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR                    | SFW_S-25T__    |
|                  |                              | JSAG3836    | CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. | SFW_S-25T_E1   |
|                  |                              | JSAG3343    | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR                | SFW_S-25T_E1   |
|                  |                              | JSAG3338    | RECOMMENDED CABLE                                              | SFW_S-25T__    |
| SFW_S-65T(M)E1   | Cable dwg.                   | JSAG3340    | RECOMMENDED CABLE                                              | SFW_S-25T__    |
|                  | Manual                       | JSAG3341    |                                                                | SFW_S-25T__    |
|                  |                              | BJM-SFWS101 |                                                                |                |
|                  | Specification Connector dwg. | SC-SFWS02   | CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR                     | SFW_S-65T__    |
|                  |                              | JSAG3900    | 1mm SPACING SURFACE MOUNT CFC CONNECTOR                        | SFW_S-65T__    |
|                  |                              | JSAG3905    | 1mm SPACING SURFACE MOUNT CFC CONNECTOR                        | SFW_S-65T__    |
| SFW_S-25T(M)E1LF | Cable dwg.                   | JSAG3901    | CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. | SFW_S-65T_E1   |
|                  | Manual                       | JSAG3902    | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR                | SFW_S-65T_E1   |
|                  |                              | JSAG3903    | RECOMMENDED CABLE                                              | SFW_S-65T__    |
|                  |                              | JSAG3904    |                                                                |                |
|                  |                              | BJM-SFWS102 |                                                                |                |
|                  | Specification Connector dwg. | SC-SFWS03   | CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR                     | SFW_S-25T__LF  |
| SFW_S-65T(M)E1LF |                              | JSAG6516    | 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR                    | SFW_S-25T__LF  |
|                  |                              | JSAG6517    | 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR                    | SFW_S-25T__LF  |
|                  |                              | JSAG6518    | CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. | SFW_S-25T_E1LF |
|                  |                              | JSAG6519    | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR                | SFW_S-25T_E1LF |
|                  |                              | JSAG6520    | RECOMMENDED CABLE                                              | SFW_S-25T__LF  |
|                  |                              | JSAG3340    | RECOMMENDED CABLE                                              | SFW_S-25T__LF  |
| SFW_S-65T(M)E1LF | Cable dwg.                   | JSAG3341    |                                                                | SFW_S-25T__LF  |
|                  | Manual                       | BJM-SFWS101 |                                                                |                |
|                  |                              | SC-SFWS04   | CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR                   | SFW_S-65T__LF  |
|                  |                              | JSAG6521    | 1mm SPACING SURFACE MOUNT CFC CONNECTOR                        | SFW_S-65T__LF  |
|                  |                              | JSAG6522    | 1mm SPACING SURFACE MOUNT CFC CONNECTOR                        | SFW_S-65T__LF  |
|                  |                              | JSAG6523    | CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. | SFW_S-65T_E1LF |

|             |  |                |  |                                                      |  |            |  |                     |  |                                                       |  |
|-------------|--|----------------|--|------------------------------------------------------|--|------------|--|---------------------|--|-------------------------------------------------------|--|
| mat'l. code |  |                |  | surface 58 / tolerance ISO 1302 / ISO 406 / ISO 1101 |  | projection |  | product family 58SF |  | CODE JP                                               |  |
| ltr         |  | ecn no         |  | dr                                                   |  | date       |  | title               |  | SFW_S Documents Configuration (1mm Spacing connector) |  |
| A           |  | J05-0334       |  | H.T                                                  |  | 6/3/'05    |  | mm                  |  |                                                       |  |
| B           |  | J05-0377       |  | H.T                                                  |  | 6/22/'05   |  | scale               |  |                                                       |  |
| C           |  | J06-0430       |  | H.T                                                  |  | 10/19/'06  |  | F                   |  |                                                       |  |
|             |  |                |  | dr                                                   |  | 10/19/06   |  |                     |  | sheet 1 of 1                                          |  |
|             |  |                |  | engr                                                 |  | 10/19/06   |  |                     |  | size A4                                               |  |
|             |  |                |  | chr                                                  |  | 10/19/06   |  |                     |  |                                                       |  |
|             |  |                |  | appd                                                 |  | 10/20/06   |  |                     |  |                                                       |  |
| sheet index |  | revision sheet |  | C 1                                                  |  |            |  | type                |  | Product Customer Drawing                              |  |
|             |  |                |  |                                                      |  |            |  |                     |  | Rev. C                                                |  |

form: A4

PDM: Rev:C

STATUS: Released

Printed: Feb 09, 2010

## CAT. NO. &amp; DIMENSIONS

| NOTE3 | NO. OF CONTACTS (n) | CAT. NO.       | DIMENSIONS (NOTE2) |        |        |
|-------|---------------------|----------------|--------------------|--------|--------|
|       |                     |                | A ±0.2             | B ±0.2 | C ±0.2 |
|       | 4                   | SFW4S-2ST__LF  | 10.4               | 5.24   | 3      |
|       | 5                   | SFW5S-2ST__LF  | 11.4               | 6.24   | 4      |
|       | 6                   | SFW6S-2ST__LF  | 12.4               | 7.24   | 5      |
| *     | 7                   | SFW7S-2ST__LF  | 13.4               | 8.24   | 6      |
|       | 8                   | SFW8S-2ST__LF  | 14.4               | 9.24   | 7      |
| *     | 9                   | SFW9S-2ST__LF  | 15.4               | 10.24  | 8      |
|       | 10                  | SFW10S-2ST__LF | 16.4               | 11.24  | 9      |
|       | 11                  | SFW11S-2ST__LF | 17.4               | 12.24  | 10     |
| *     | 12                  | SFW12S-2ST__LF | 18.4               | 13.24  | 11     |
|       | 13                  | SFW13S-2ST__LF | 19.4               | 14.24  | 12     |
|       | 14                  | SFW14S-2ST__LF | 20.4               | 15.24  | 13     |
|       | 15                  | SFW15S-2ST__LF | 21.4               | 16.24  | 14     |
|       | 16                  | SFW16S-2ST__LF | 22.4               | 17.24  | 15     |
|       | 17                  | SFW17S-2ST__LF | 23.4               | 18.24  | 16     |
| *     | 18                  | SFW18S-2ST__LF | 24.4               | 19.24  | 17     |
| *     | 19                  | SFW19S-2ST__LF | 25.4               | 20.24  | 18     |
|       | 20                  | SFW20S-2ST__LF | 26.4               | 21.24  | 19     |
| *     | 21                  | SFW21S-2ST__LF | 27.4               | 22.24  | 20     |
|       | 22                  | SFW22S-2ST__LF | 28.4               | 23.24  | 21     |
|       | 23                  | SFW23S-2ST__LF | 29.4               | 24.24  | 22     |
|       | 24                  | SFW24S-2ST__LF | 30.4               | 25.24  | 23     |
| *     | 25                  | SFW25S-2ST__LF | 31.4               | 26.24  | 24     |
|       | 26                  | SFW26S-2ST__LF | 32.4               | 27.24  | 25     |
| *     | 27                  | SFW27S-2ST__LF | 33.4               | 28.24  | 26     |
|       | 28                  | SFW28S-2ST__LF | 34.4               | 29.24  | 27     |
|       | 29                  | SFW29S-2ST__LF | 35.4               | 30.24  | 28     |
|       | 30                  | SFW30S-2ST__LF | 36.4               | 31.24  | 29     |
| *     | 31                  | SFW31S-2ST__LF | 37.4               | 32.24  | 30     |
| *     | 32                  | SFW32S-2ST__LF | 38.4               | 33.24  | 31     |

CAT. NO. SFW (n) S - 2 ST - - - LF

SERIES

NO. OF CONTACTS

STRAIGHT TYPE

FOR FPC / FFC

VARIATION

STM : FOR AUTOMATIC MOUNTING (SMT)  
WITH MOUNTING PLATE

ST : FOR AUTOMATIC MOUNTING (SMT)  
WITHOUT MOUNTING PLATE

PACKAGE STYLE

LEAD FREE

## NOTES

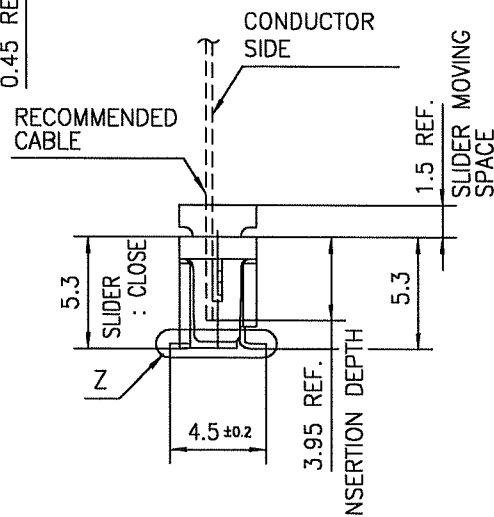
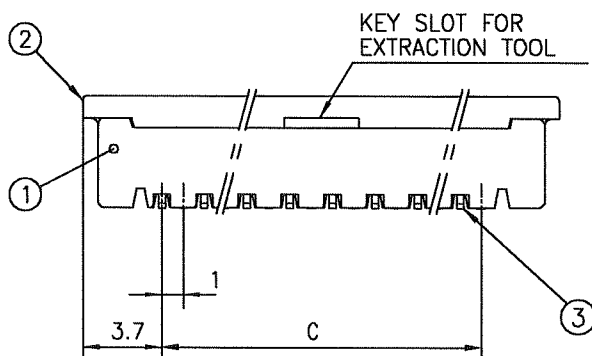
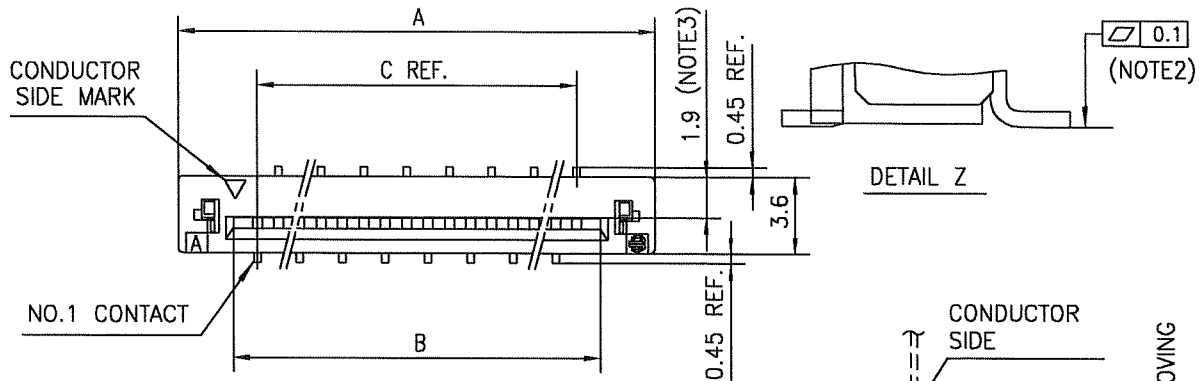
- THIS PRODUCT IS THE CONNECTOR, DESIGNED TO TERMINATE FPC/FFC AND COPER WITH AUTOMATIC MOUNTING (SMT).
- SEE PART DRAWINGS FOR DIMENSIONS A.B.C.
- PLEASE CONSULT US IN CASE OF USING PARTS WITH \* MARK

|             |          |     |            |                                                    |        |            |  |                                                                                     |  |         |  |
|-------------|----------|-----|------------|----------------------------------------------------|--------|------------|--|-------------------------------------------------------------------------------------|--|---------|--|
| mat'l. code |          |     |            | surface 58 / tolerance ISO 1302 ✓ ISO 406 ISO 1101 |        | projection |  | product family 58SF                                                                 |  | CODE JP |  |
| ltr         | ecn no   | dr  | date       | tolerances unless otherwise specified              |        | mm         |  | title<br>CAT. NO. TABLE FOR<br>1mm SPACING SMT CONNECTOR<br>(CAT.No.SFW__S-2ST__LF) |  |         |  |
| A           | J05-0377 | H.T | 2005-6-22  | angles                                             | linear |            |  |                                                                                     |  |         |  |
| B           | J05-0547 | H.T | 2005-8-30  |                                                    |        | scale X    |  | dwg no sheet 1 of 1 size<br>JSA 96516 A4                                            |  |         |  |
| C           | J06-0430 | H.T | 2006-10-19 |                                                    |        |            |  |                                                                                     |  |         |  |
| D           | J07-0407 | H.T | 2007-8-9   | dr                                                 | engr   | FCI        |  | type Product Customer Drawing                                                       |  |         |  |
|             |          |     |            | chr                                                | appd   |            |  |                                                                                     |  |         |  |
| sheet index | revision | D   | 1          |                                                    |        |            |  | Rev. D                                                                              |  |         |  |

SC-SFWS 03 JSA96517 96518 96519 96520 93340 93341  
form: A4

1

2



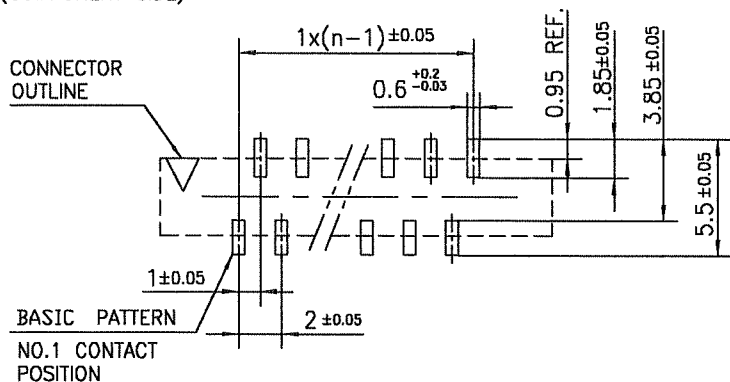
| PT. NO. | PARTS NAME | MATERIAL                                    | Q'TY | NOTE                                     |
|---------|------------|---------------------------------------------|------|------------------------------------------|
| 1       | HOUSING    | GLASS FILLED THERMOPLASTIC RATED. (UL94V-0) | 1    | COLOR : BROWN                            |
| 2       | SLIDER     |                                             | 1    | COLOR : BLACK                            |
| 3       | CONTACT    | PHOSPHOR BRONZE                             | n    | PLATING : TIN Ni UNDER PLATED(LEAD FREE) |

n : NO. OF CONTACTS

#### NOTES

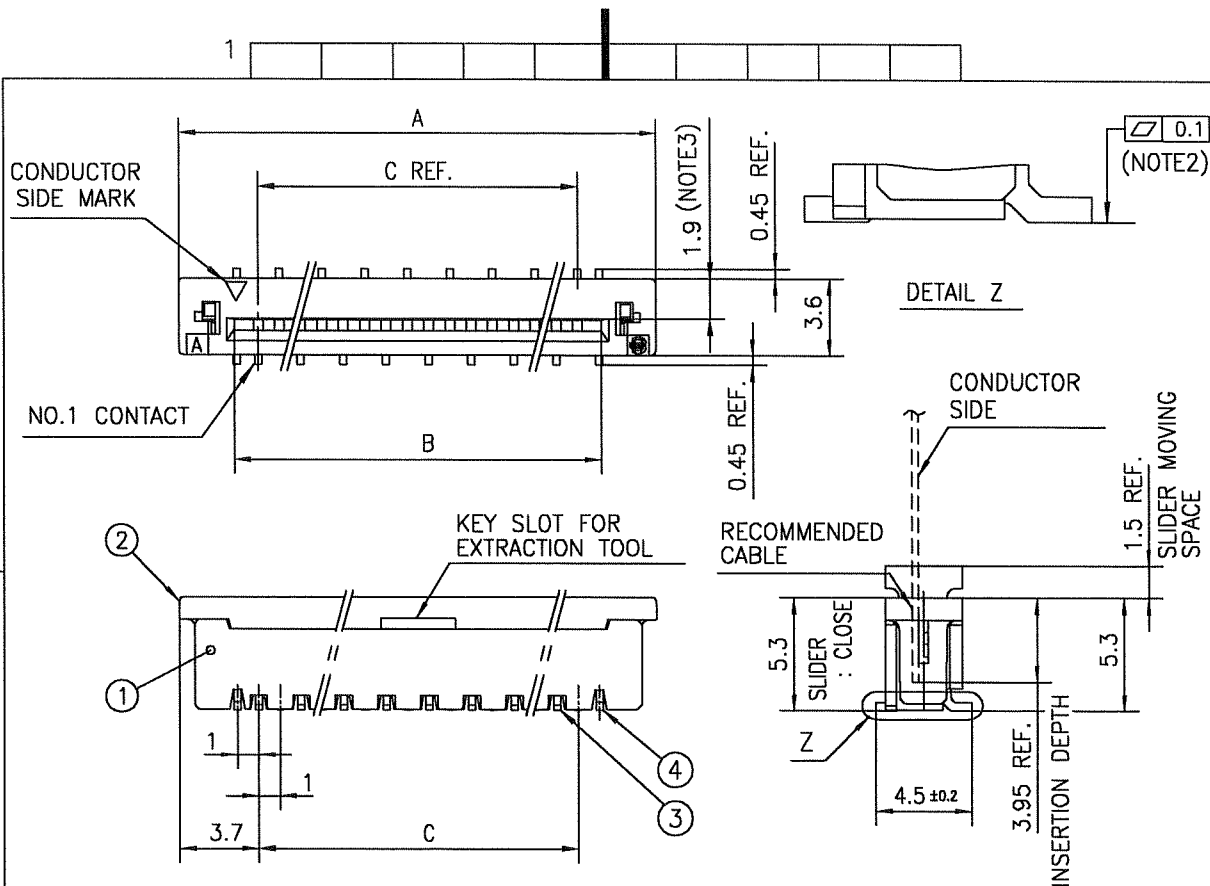
1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS DIMENSION IS SPACE FOR THE NOZZLE OF MOUNTER.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

#### RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)



|             |          |     |          |                                       |           |            |                |      |      |                                                                     |
|-------------|----------|-----|----------|---------------------------------------|-----------|------------|----------------|------|------|---------------------------------------------------------------------|
| mat'l. code |          |     |          | surface 58                            | tolerance | projection | product family | 58SF | CODE | JP                                                                  |
|             |          |     |          | ISO 1302                              | ISO 406   | mm         | title          |      |      | 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.SFW__S-2ST__LF) |
|             |          |     |          | tolerances unless otherwise specified | ISO 1101  |            |                |      |      |                                                                     |
| ltr         | ecn no   | dr  | date     | angles                                | linear    | scale      | dwg no         |      |      | sheet 1 of 1                                                        |
| A           | J05-0377 | H.T | 6/22/05  |                                       |           |            |                |      |      |                                                                     |
| B           | J05-0731 | H.T | 10/28/05 |                                       |           | X          | JSA 96517      |      |      | size                                                                |
| C           | J06-0430 | H.T | 10/19/06 |                                       |           |            |                |      |      |                                                                     |
|             |          |     |          | dr                                    | 10/19/06  | FCI        | type           |      |      | Product Customer Drawing                                            |
|             |          |     |          | engr                                  | 10/19/06  |            |                |      |      |                                                                     |
|             |          |     |          | chr                                   | 10/19/06  |            |                |      |      |                                                                     |
|             |          |     |          | appd                                  | 10/19/06  |            |                |      |      |                                                                     |
| sheet index | revision | C   |          |                                       |           |            |                |      |      | Rev                                                                 |
|             | sheet    | 1   |          |                                       |           |            |                |      |      | c                                                                   |

SC-SFWS 03 JSA96516  
form: A4



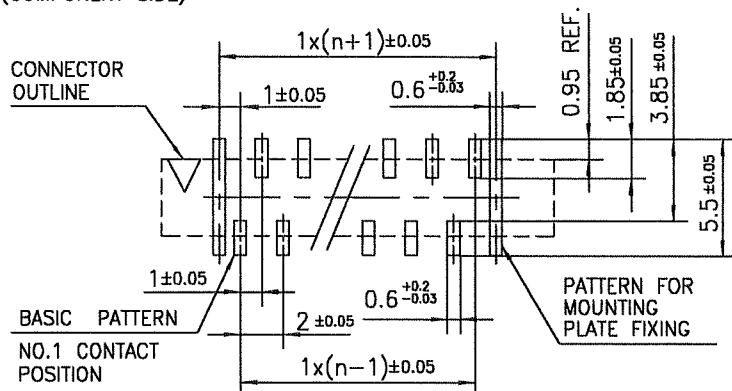
| PT. NO. | PARTS NAME     | MATERIAL                                    | Q'TY | NOTE                                     |
|---------|----------------|---------------------------------------------|------|------------------------------------------|
| 1       | HOUSING        | GLASS FILLED THERMOPLASTIC RATED. (UL94V-0) | 1    | COLOR : BROWN                            |
| 2       | SLIDER         |                                             | 1    | COLOR : BLACK                            |
| 3       | CONTACT        | PHOSPHOR BRONZE                             | n    | PLATING : TIN Ni UNDER PLATED(LEAD FREE) |
| 4       | MOUNTING PLATE | BRASS                                       | 2    |                                          |

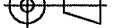
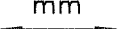
n : NO. OF CONTACTS

#### NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPS WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS DIMENSION IS SPACE FOR THE NOZZLE OF MOUNTER.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

#### RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)



|             |          |                |          |                                                                                                                        |                    |                                                                                                |                                                                                     |                                                                                        |                                                                            |  |  |         |  |  |        |
|-------------|----------|----------------|----------|------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--|--|---------|--|--|--------|
| mat'l. code |          |                |          | surface 58 <input checked="" type="checkbox"/> tolerance ISO 1302 <input checked="" type="checkbox"/> ISO 406 ISO 1101 |                    | projection  |                                                                                     | product family 58SF                                                                    |                                                                            |  |  | CODE JP |  |  |        |
| ltr         | ecn no   | dr             | date     | tolerances unless otherwise specified                                                                                  |                    |                                                                                                |                                                                                     | mm  | title 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.SFW__S-2STM__LF) |  |  |         |  |  |        |
| A           | J05-0377 | H.T            | 6/22/05  | angles                                                                                                                 | linear             | ±0.2                                                                                           |                                                                                     |                                                                                        |                                                                            |  |  |         |  |  |        |
| B           | J05-0731 | H.T            | 10/28/05 |                                                                                                                        |                    |                                                                                                |                                                                                     |                                                                                        |                                                                            |  |  |         |  |  |        |
| C           | J06-0430 | H.T            | 10/19/06 |                                                                                                                        |                    | scale X                                                                                        |                                                                                     | dwg no sheet 1 of 1 size A4                                                            |                                                                            |  |  |         |  |  |        |
|             |          |                |          | dr                                                                                                                     | <i>K. Shoupe</i>   | 10/19/06                                                                                       |                                                                                     |                                                                                        |                                                                            |  |  |         |  |  |        |
|             |          |                |          | enr                                                                                                                    | <i>K. Shoupe</i>   | 10/19/06                                                                                       |  |                                                                                        | JSA 96518                                                                  |  |  |         |  |  |        |
|             |          |                |          | chr                                                                                                                    | <i>K. Shoupe</i>   | 10/19/06                                                                                       |                                                                                     |                                                                                        |                                                                            |  |  |         |  |  |        |
|             |          |                |          | appd                                                                                                                   | <i>J. MacLaren</i> | 10/20/06                                                                                       |                                                                                     |                                                                                        |                                                                            |  |  |         |  |  |        |
| sheet index |          | revision sheet |          | C 1                                                                                                                    |                    |                                                                                                |                                                                                     |                                                                                        |                                                                            |  |  |         |  |  | Rev. C |

SC-SFWS 03 JSA96516  
form: A4

## CAT. NO. &amp; DIMENSIONS

| (NOTE4) | NO. OF CONTACTS (n) | CAT. NO. (NOTE2) | DIMENSIONS (NOTE3) |         |         |
|---------|---------------------|------------------|--------------------|---------|---------|
|         |                     |                  | D ± 5              | E ± 0.3 | F ± 0.1 |
|         | 4                   | SFW4S-2ST_E1LF   | 28.4               | 24      | —       |
|         | 5                   | SFW5S-2ST_E1LF   | 28.4               | 24      | —       |
|         | 6                   | SFW6S-2ST_E1LF   | 28.4               | 24      | —       |
| *       | 7                   | SFW7S-2ST_E1LF   | 28.4               | 24      | —       |
|         | 8                   | SFW8S-2ST_E1LF   | 28.4               | 24      | —       |
| *       | 9                   | SFW9S-2ST_E1LF   | 28.4               | 24      | —       |
|         | 10                  | SFW10S-2ST_E1LF  | 28.4               | 24      | —       |
|         | 11                  | SFW11S-2ST_E1LF  | 28.4               | 24      | —       |
| *       | 12                  | SFW12S-2ST_E1LF  | 36.4               | 32      | 28.4    |
|         | 13                  | SFW13S-2ST_E1LF  | 36.4               | 32      | 28.4    |
|         | 14                  | SFW14S-2ST_E1LF  | 36.4               | 32      | 28.4    |
|         | 15                  | SFW15S-2ST_E1LF  | 36.4               | 32      | 28.4    |
|         | 16                  | SFW16S-2ST_E1LF  | 48.4               | 44      | 40.4    |
|         | 17                  | SFW17S-2ST_E1LF  | 48.4               | 44      | 40.4    |
| *       | 18                  | SFW18S-2ST_E1LF  | 48.4               | 44      | 40.4    |
| *       | 19                  | SFW19S-2ST_E1LF  | 48.4               | 44      | 40.4    |
|         | 20                  | SFW20S-2ST_E1LF  | 48.4               | 44      | 40.4    |
| *       | 21                  | SFW21S-2ST_E1LF  | 48.4               | 44      | 40.4    |
|         | 22                  | SFW22S-2ST_E1LF  | 48.4               | 44      | 40.4    |
|         | 23                  | SFW23S-2ST_E1LF  | 48.4               | 44      | 40.4    |
|         | 24                  | SFW24S-2ST_E1LF  | 48.4               | 44      | 40.4    |
| *       | 25                  | SFW25S-2ST_E1LF  | 48.4               | 44      | 40.4    |
|         | 26                  | SFW26S-2ST_E1LF  | 48.4               | 44      | 40.4    |
| *       | 27                  | SFW27S-2ST_E1LF  | 60.4               | 56      | 52.4    |
|         | 28                  | SFW28S-2ST_E1LF  | 60.4               | 56      | 52.4    |
|         | 29                  | SFW29S-2ST_E1LF  | 60.4               | 56      | 52.4    |
|         | 30                  | SFW30S-2ST_E1LF  | 60.4               | 56      | 52.4    |
| *       | 31                  | SFW31S-2ST_E1LF  | 60.4               | 56      | 52.4    |
| *       | 32                  | SFW32S-2ST_E1LF  | 60.4               | 56      | 52.4    |

CAT. NO. SFW (n) S - 2 ST\_ \_ \_ LF

SERIES

NO. OF CONTACTS

STRAIGHT TYPE

FOR FPC / FFC

VARIATION

STM:FOR AUTOMATIC MOUNTING (SMT)  
WITH MOUNTING PLATE

ST:FOR AUTOMATIC MOUNTING (SMT)  
WITHOUT MOUNTING PLATE

PACKAGE STYLE

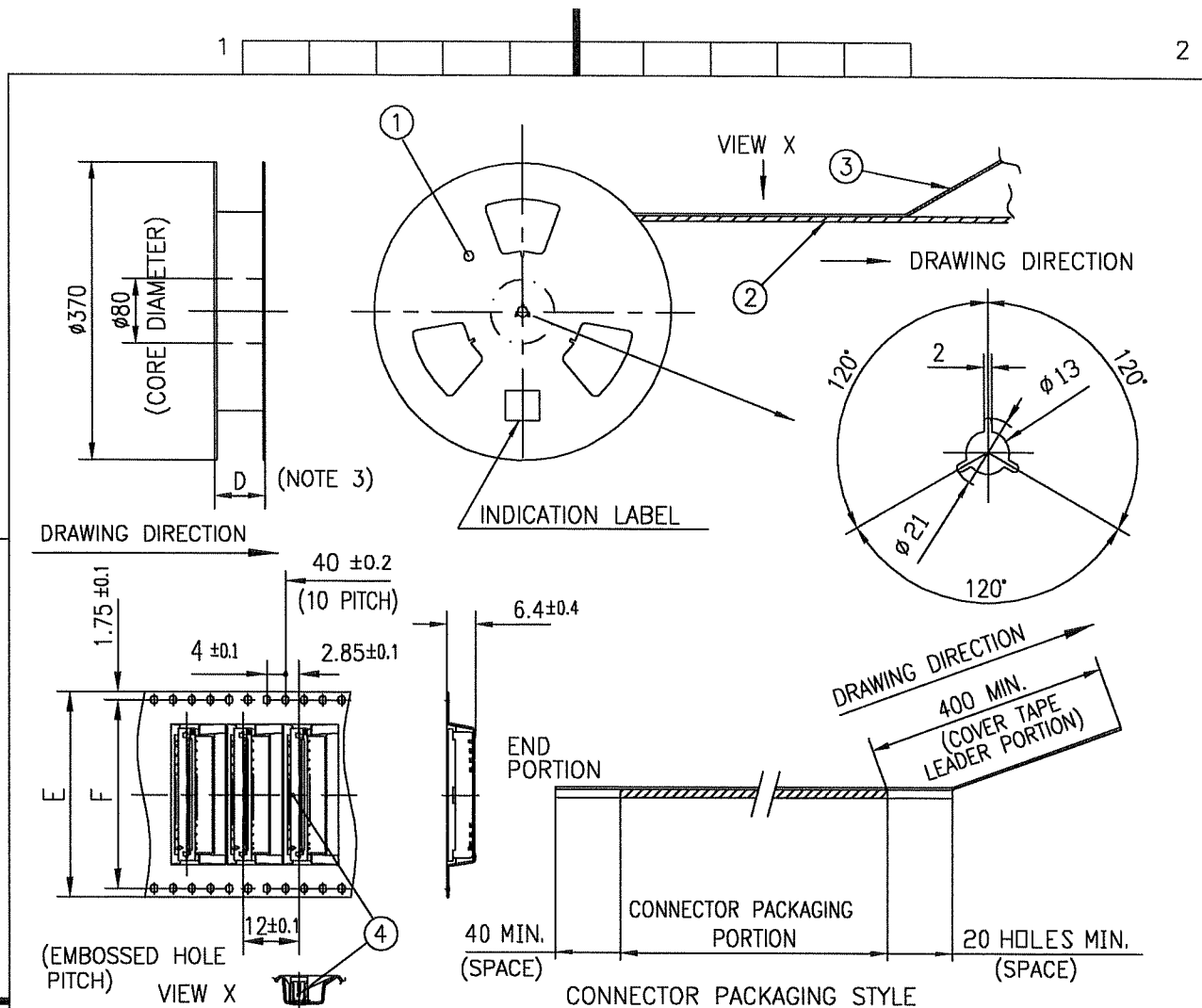
LEAD FREE

## NOTES

- THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COTES WITH AUTOMATIC MOUNTING (SMT).
- THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
- SEE PART DRAWINGS FOR DIMENSIONS D~F.
- PLEASE CONSULT US IN CASE OF USING PARTS WITH \* MARK.

|             |          |     |            |                                                    |  |            |  |                                                                                        |  |         |  |
|-------------|----------|-----|------------|----------------------------------------------------|--|------------|--|----------------------------------------------------------------------------------------|--|---------|--|
| mat'l. code |          |     |            | surface 58 / tolerance ISO 1302 ✓ ISO 406 ISO 1101 |  | projection |  | product family 58SF                                                                    |  | CODE JP |  |
| ltr         | ecn no   | dr  | date       | tolerances unless otherwise specified              |  | mm         |  | title                                                                                  |  |         |  |
| A           | J05-0377 | H.T | 2005-6-22  | angles linear                                      |  | mm         |  | CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (CAT.No.SFW__S-2ST_E1LF) |  |         |  |
| B           | J05-0547 | H.T | 2005-8-30  |                                                    |  | scale X    |  | dwg no sheet 1 of 1 size                                                               |  |         |  |
| C           | J06-0430 | H.T | 2006-10-19 |                                                    |  |            |  | JSA 96519 A4                                                                           |  |         |  |
| D           | J07-0407 | H.T | 2007-8-9   | dr                                                 |  | FCJ        |  | type Product Customer Drawing                                                          |  |         |  |
|             |          |     |            | enr                                                |  |            |  |                                                                                        |  |         |  |
|             |          |     |            | chr                                                |  |            |  |                                                                                        |  |         |  |
|             |          |     |            | appd                                               |  |            |  |                                                                                        |  |         |  |
| sheet index | revision | D   | 1          |                                                    |  |            |  | Rev. D                                                                                 |  |         |  |

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| PT. NO. | PARTS NAME               | CAT. NO.       | MATERIAL          | Q'TY  | NOTE               |
|---------|--------------------------|----------------|-------------------|-------|--------------------|
| 1       | REEL                     | _____          | CARDBOARD         | 1     | COLOR:GRAY         |
| 2       | PLASTIC (EMBOSSSED) TAPE | _____          | PET               | _____ | COLOR:TRANSPARENCY |
| 3       | COVER                    | _____          | POLYESTER         | _____ | COLOR:TRANSPARENCY |
| 4       | CONNECTOR                | SFW__S-2ST__LF | SEE ATTACHED DWG. | 1000  | _____              |

#### NOTES

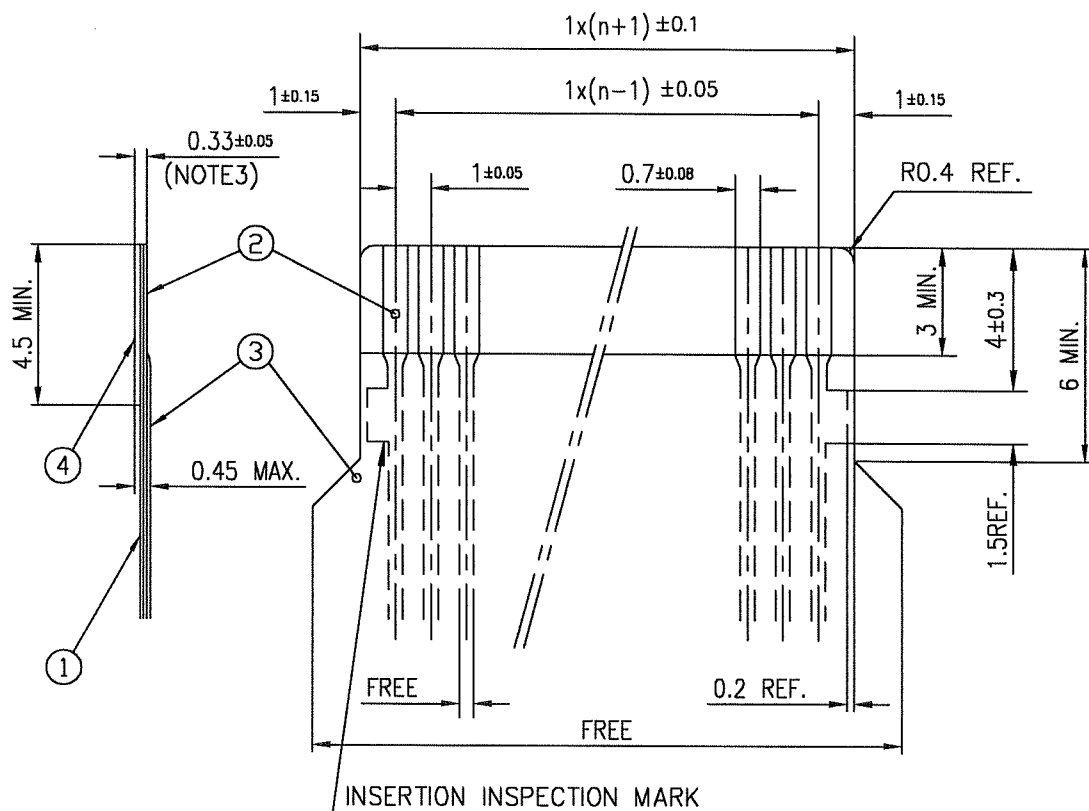
- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSSSED) TAPE AND REEL.
- F DIMENSION IS PORTION OF THE CORE.

|             |          |     |          |                                       |           |            |                           |                          |
|-------------|----------|-----|----------|---------------------------------------|-----------|------------|---------------------------|--------------------------|
| mat'l. code |          |     |          | surface 58                            | tolerance | projection | product family            | CODE                     |
|             |          |     |          | ISO 1302                              | ISO 406   | ISO 1101   | 58SF                      | JP                       |
| ltr         | ecn no   | dr  | date     | tolerances unless otherwise specified |           | mm         | title                     |                          |
| A           | J05-0377 | H.T | 6/22/05  | ±5                                    |           | mm         | PLASTIC TAPE PACKAGED     |                          |
| B           | J06-0430 | H.T | 10/19/06 | linear                                |           | mm         | 1mm SPACING SMT CONNECTOR |                          |
|             |          |     |          | ±5°                                   |           | scale      | (CATA.No.SFW__S-2ST_E1LF) |                          |
|             |          |     |          | dr                                    | 10/19/06  | FCI        | dwg no                    | sheet 1 of 1             |
|             |          |     |          | engr                                  | 10/19/06  |            | JSA 96520                 | size                     |
|             |          |     |          | chr                                   | 10/19/06  |            |                           | A4                       |
|             |          |     |          | appd                                  | 10/20/06  |            | type                      | Product Customer Drawing |
| sheet       | revision | B   |          |                                       |           |            |                           | Rev                      |
| index       | sheet    | 1   |          |                                       |           |            |                           | B                        |

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## RECOMMENDED CABLE (FPC)

n : NO. OF CONDUCTORS



| PT. NO. | DESCRIPTION     | MATERIAL                                          | THICKNESS ( $\mu\text{m}$ ) |
|---------|-----------------|---------------------------------------------------|-----------------------------|
| 1       | BASE FILM       | POLYIMIDE OR POLYESTER OR EQUIVALENT              | 25                          |
| 2       | CONDUCTOR       | COPPER FOIL(PLATING : SOLDER $1\mu\text{m}$ MIN.) | 35                          |
| 3       | OVERLAY         | POLYIMIDE OR POLYESTER OR EQUIVALENT              | —                           |
| 4       | SUPPORTING TAPE | POLYESTER OR POLYIMIDE OR EQUIVALENT              | 188                         |

## NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.

|             |          |                |           |                                           |  |            |  |                               |  |         |  |
|-------------|----------|----------------|-----------|-------------------------------------------|--|------------|--|-------------------------------|--|---------|--|
| mat'l. code |          |                |           | surface 58 / tolerance ISO 406 / ISO 1101 |  | projection |  | product family 58SF           |  | CODE JP |  |
| ltr         | ecn no   | dr             | date      | tolerances unless otherwise specified     |  | mm         |  | title                         |  |         |  |
| AA          | J04-0333 | H.T            | Oct.13/04 |                                           |  |            |  | RECOMMENDED CABLE             |  |         |  |
| AB          | J06-0430 | H.T            | 10/19/06  |                                           |  |            |  | (CAT.No.SFW__S-2ST__)         |  |         |  |
|             |          |                |           | angles linear                             |  | scale X    |  | dwg no sheet 1 of 1 size      |  |         |  |
|             |          |                |           |                                           |  | FCI        |  | JSA 93340 A4                  |  |         |  |
|             |          |                |           | dr 10/19/06                               |  |            |  | type Product Customer Drawing |  |         |  |
|             |          |                |           | enr 10/19/06                              |  |            |  |                               |  |         |  |
|             |          |                |           | chr 10/19/06                              |  |            |  |                               |  |         |  |
|             |          |                |           | appd 10/20/06                             |  |            |  |                               |  |         |  |
| sheet index |          | revision sheet | AB 1      |                                           |  |            |  |                               |  | Rev AB  |  |

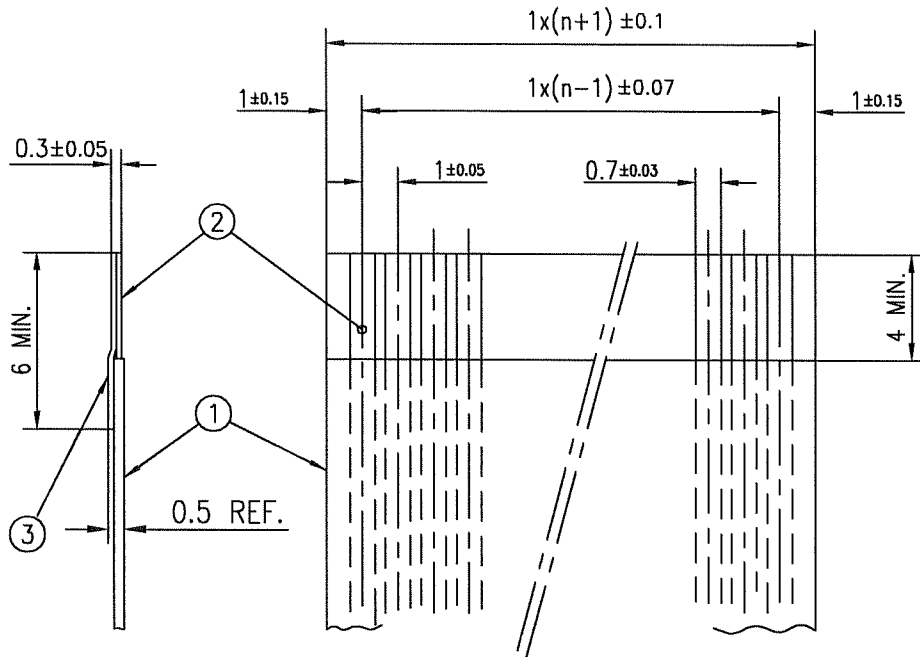
form: A4

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## RECOMMENDED CABLE (FFC)

n : NO. OF CONDUCTORS



| PT. NO. | DESCRIPTION     | MATERIAL                                | NOTE                               |
|---------|-----------------|-----------------------------------------|------------------------------------|
| 1       | INSULATOR       | FLAME RESISTING POLYESTER OR EQUIVALENT | _____                              |
| 2       | CONDUCTOR       | COPPER FOIL                             | PLATING: TIN OR SOLDER<br>1µm MIN. |
| 3       | SUPPORTING TAPE | FLAME RESISTING POLYESTER OR EQUIVALENT | _____                              |

## NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.

|                           |  |                |  |                                         |  |            |  |                                         |  |         |  |
|---------------------------|--|----------------|--|-----------------------------------------|--|------------|--|-----------------------------------------|--|---------|--|
| mat'l. code               |  |                |  | surface 5B / tolerance ISO 406 ISO 1101 |  | projection |  | product family 58SF                     |  | CODE JP |  |
| litr ecn no dr date       |  |                |  | tolerances unless otherwise specified   |  | mm         |  | title                                   |  |         |  |
| AA J04-0333 H.T. 06/13/04 |  |                |  | angles linear                           |  | mm         |  | RECOMMENDED CABLE (CAT.No.SFW__S-2ST__) |  |         |  |
| AB J06-0430 H.T. 10/19/06 |  |                |  |                                         |  | scale X    |  | dwg no sheet 1 of 1 size                |  |         |  |
|                           |  |                |  | dr 10/19/06                             |  | FCI        |  | JSA 93341 A4                            |  |         |  |
|                           |  |                |  | enr 10/19/06                            |  |            |  | type Product Customer Drawing           |  |         |  |
|                           |  |                |  | chr 10/19/06                            |  |            |  |                                         |  |         |  |
|                           |  |                |  | appd 10/20/06                           |  |            |  |                                         |  |         |  |
| sheet index               |  | revision sheet |  | AB 1                                    |  |            |  |                                         |  | Rev. AB |  |

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